LEOSMAK · COMPACT

LEO-007L

Up to 9 kg per batch on 7 GN 2/3 trays. Compact stainless-steel freeze dryer for small producers increasing volume, with freezing in the chamber and Wi-Fi app monitoring.



BATCH CAPACITY	AVG. ENERGY USE	SHELF AREA
9 kg	1.2 kWh / h	0.86 m²

APPLICATIONS Freeze-Dryers for Fruit and Vegetables · Freeze-Drying for Nutraceuticals & Supplements · Freeze-Dryers for Pet Food Production

CE marked · Built in EU

Why choose the LEO-007L

- **Small-batch production and R&D**: for small producers increasing volume with little hands-on time.
- **Freezes in the chamber**: radiant freezing and heating shelves, so no separate blast freezer. Recipes carry over to the larger LEO machines.
- **Up to 9 kg per batch**: 7 trays, 0.86 m² of shelf area.
- **Connected and automated**: set the programme, start it and follow it from the mobile app. 1.2 kWh per hour on average.

CAPACITY & OUTPUT

Batch capacity (fresh load)	9 kg
Ice condenser capacity	14 kg
Total shelf area	0.86 m²
Shelves	7
Trays	7
Shelf spacing	28 mm
Tray size	GN 2/3, 2 cm
Loading	Manual

PROCESS & CYCLE

Shelf temperature range	-35 to +70 °C
Min. condenser temperature	-40 °C
Defrosting	Automatic (≈3 h)
Defrost time	3 h
Sweets mode	Yes, vacuum-drying mode for confectionery

VACUUM & REFRIGERATION

Vacuum pump type	Oil-sealed rotary vane
Refrigeration type	Air-cooled
Refrigerant	R-452B

CONTROL & MONITORING

Control system	LCD touchscreen + Wi-Fi
Menu language	English
Data logging & recipes	Cloud admin panel: full cycle history, charts and data export · Wi-Fi app monitoring and notifications
Remote monitoring	Yes

BUILD

Chamber material	AISI 304 stainless steel
Shelf material	Stainless steel
Observation	Transparent door with LED lighting
Body color options	Jet Black, Traffic White, Stainless Steel, Other RAL
Max. noise level	65 dB(A) max. (DIN 45635)
IP protection	IP65 (DIN 60529)

POWER & FOOTPRINT

Power supply	220–240 V / 1~ / 50 Hz
Connected load	3.5 kW
Nominal power	2.5 kW
Mains fuse	16 A (standard 16 A socket)
Energy consumption (avg)	1.2 kWh/h
External dimensions (W × D × H)	600 × 720 × 910 mm
Net weight	125 kg

WARRANTY & SERVICE

Warranty	24 months (extendable to 36)

Recommended accessories

8× Stainless steel tray GN 2/3 20 mm for LEO-007L	Fits: LEO-007L
LEO-007L Warranty extension – 3rd year	Fits: LEO-007L
AMARU Mineral oil for vacuum pump 10 L	Fits: all models
AMARU Mineral oil for vacuum pump 20 L	Fits: all models
AMARU Viktor – Ozone decontaminator	Fits: all models

More accessories in our online store: scan the QR code.

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Scan for current specifications and prices, or to request a quotation.